Session 1 (c) : Statistics for Financial Sector Development and Stability

Transforming data into intelligence
Enterprise Analytics Platform
Vision Statement

Be the central leadership for **advanced analytics** at the SC and **empower front line** business with **superior insights** through advanced predictive analytics and be the single point for data warehousing across functions.

**Market Efficiency & Transparency**
- An unified, complete, standard digitalised information disclosure system, integrated with a delivery platform.

**ComRep (XBRL)**

**Enterprise Intelligence Platform**
- A consolidated single source of the truth derived from multiple data sources

**Enterprise Data Warehouse**

**i-Publication**

**Advanced Analytics**
- An artificial intelligence engine to provide superior insight to empower front line business

**Mi-Cap Portal**

**i-Intelligence**
Agile Data Architecture – Data Layering

- Data are kept in the original form with time series historical information.

- Data are linked together to provide dynamic permutation for slicing and dicing. E.g. providing analysis on data based on old name and current name.

- Data are grouped together with business rules to provide the necessary information and insight. E.g. compliance review.

- Information are connected to visualisation tools to provide intelligence to users.
Pathway to big data & advanced analytics

Strategic Information Framework
- SEED to focus on Strengthening Organisational Efficacy

Strategic Analytics
- Big Data to support better decision and policy making

**Straight-through processing**
End-to-end processing with accurate data capture at source

**Enterprise approach**
Organize information by core business clusters and provide a single platform for information linkages and flows

**Empowering users**
Allow self-service ad hoc data integration and analysis to generate insight

**Data Governance**
Establish organizational policies, procedures and standards to manage and control data

**Advanced Analytics**
Creation of data model by Data scientist team to support advanced analytics

**Artificial Intelligence**
Using machine to power better coverage, effectiveness and efficiency

**Information Repository**
Implement Data Lake for mass storage with better search capability
Thank You